U. S. COAST GUARD
401

GENERAL INFORMATION

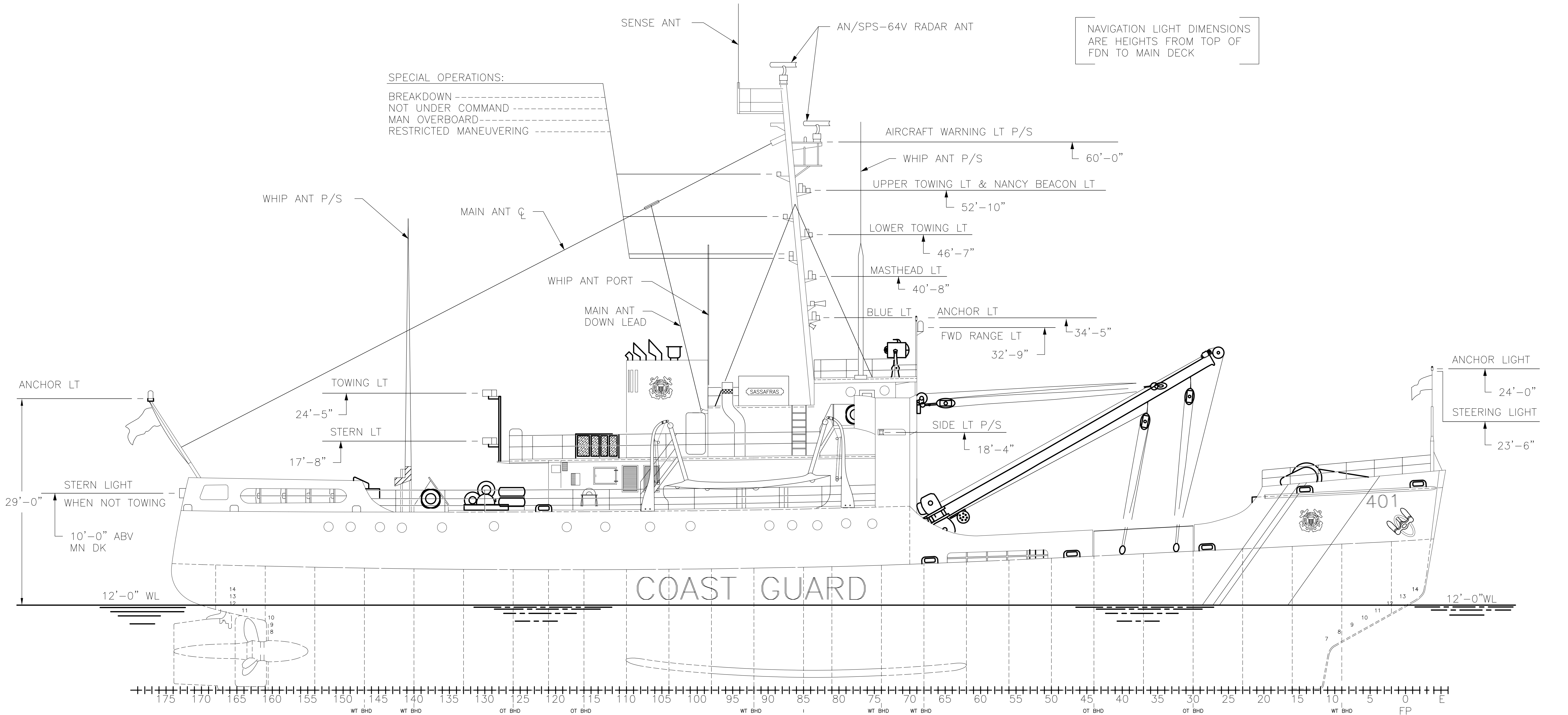
LENGTH, OVERALL	180 FEET 0 IN
LENGTH, BETWEEN PERPENDICULARS	170 FEET 0 IN
BEAM, MOLDED	37 FEET 0 IN
BEAM, MOLDED WATERLINE	34 FEET 11 3/4 IN
DRAFT, MEAN	12 FEET 0 IN
DISPLACEMENT	935 TON
MAIN GENERATORS (2)	700 HP
AUX GENERATORS (2) CAP	200 kW 450 VOLTS
EMER GENERATOR (1) CAP	50 kW 208 VOLTS
PROPULSION MOTOR	1200 HP
PROPELLER, DIA	9 FEET 6 IN
PROPELLER, PITCH	6 FEET 9 IN

BOOKLET OF GENERAL PLANS

U. S. COAST GUARD CUTTER

SASSAFRAS–WLB 401

PLATE NO. 1


SENSE ANT
AN/SPS–64V RADAR ANT
NAVIGATION LIGHT DIMENSIONS ARE HEIGHTS FROM TOP OF FDN TO MAIN DECK
SPECIAL OPERATIONS:
BREAKDOWN
NOT UNDER COMMAND
MAN OVERBOARD
RESTRICTED MANEUVERING
AIRCRAFT WARNING LT P/S
60'–0"
WHIP ANT P/S
UPPER TOWING LT & NANCY BEACON LT
52'–10"
WHIP ANT P/S
MAIN ANT ℄
LOWER TOWING LT
46'–7"
MASTHEAD LT
40'–8"
WHIP ANT PORT
MAIN ANT DOWN LEAD
BLUE LT
ANCHOR LT
34'–5"
FWD RANGE LT
32'–9"
ANCHOR LT
TOWING LT
24'–5"
STERN LT
17'–8"
SIDE LT P/S
18'–4"
ANCHOR LIGHT
24'–0"
STEERING LIGHT
23'–6"
STERN LIGHT
WHEN NOT TOWING
29'–0"
10'–0" ABV MN DK
SASSAFRAS
401
COAST GUARD
12'–0" WL
12'–0"WL
175 170 165 160 155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 E
WT BHD
WT BHD
OT BHD
OT BHD
WT BHD
WT BHD
WT BHD
OT BHD
OT BHD
WT BHD
FP

OUTBOARD PROFILE

PLATE NO. 2

REVISIONS

REV	ZONE	ITEM	DESCRIPTION	BY	DATE	APVD
A	ALL		DISTRIBUTION AND TITTLE BLOCK ADDED, PLAN UPDATED TO SUIT SHIP ASBUILT DURING 1972 AVAIL AT USCG YARD	MAM	8/17/72	
B	ALL		PLAN REVISED I.A.W. MAJ RENOVATION 1978 AVAIL AT USCG YARD	RWC	6/13/78	
C	ALL		PLAN REVISED THROUGHOUT TO REFLECT SHIPCHECK 1990	JP	6/06/90	

REFERENCES

NO	TITLE	DRAWING NO

APPLICABILITY

SHIP	REV	DATE	SHIPALT	AUTHORITY
USCGC SASSAFRAS (WLB–401)	C	11/22/89	–	AS BUILT

ART ANDERSON ASSOCIATES
148 FIRST STREET BREMERTON, WA 98310
(206) 479–5600 FAX 479–5605
65 MARION STREET SEATTLE, WA 98104
(206) 622–6221

MCI MARITIME CONTRACTORS INC
201 HARRIS AVENUE
BELLINGHAM, WA 98225

	INITIALS	DATE
DESIGN	RJH	3/1/90
DRAWN	J.PEMBERTON	6/6/90
CHKD	FMH	6/12/90

R.R.YOUNG /S/ 6/10/92
SUPV. TECH SERVICES

N/A
CHIEF. ADMIN BR

L.M.SMITH /S/ 6/27/91
TYPE DESK OFFICER

N/A
PROJECT OFFICER

G.M. DAVIS /S/ 11/18/91
CHIEF SUPPORT BR

U.S. COAST GUARD MLC PACIFIC
NAVAL ENGINEERING DIVISION
USCGC SASSAFRAS (WLB–401)

BOOKLET OF GENERAL PLANS

APPROVED D.A. POTTER 12/26/91
CHIEF. NAVAL ENGINEERING DIVISION DATE

SIZE	FSCM NO.	USCG DRAWING NO.	REV
H	81340	149TE–0103–11	C

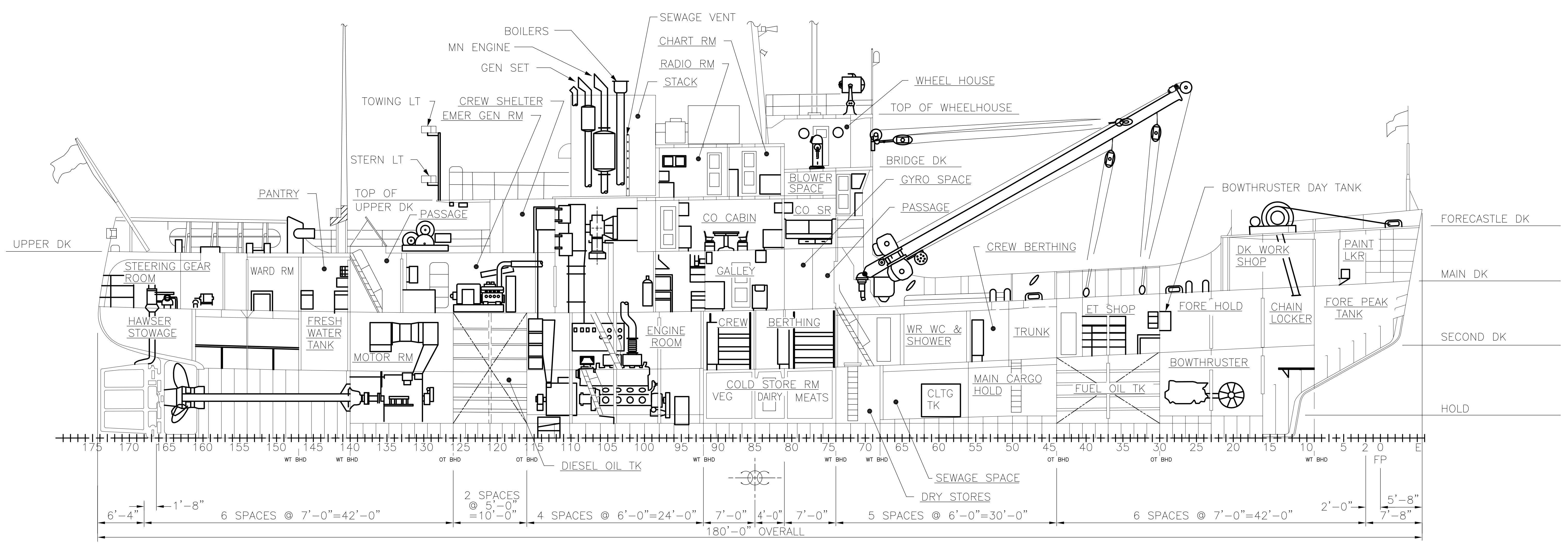
SCALE 1/8"=1'–0" SHEET 1 OF 4

DWG NO 149TE–0103–11 SH 1 REV C

BOOKLET OF GENERAL PLANS

DWG NO 149TE–0103–11 SH 1 REV C

SCALE FACTOR 96
ELECTRONIC FILENAME \401WLB\AEC1101C


BOILERS
MN ENGINE
GEN SET
SEWAGE VENT
CHART RM
RADIO RM
STACK
TOWING LT
CREW SHELTER
EMER GEN RM
STERN LT
WHEEL HOUSE
TOP OF WHEELHOUSE
BRIDGE DK
GYRO SPACE
PASSAGE
BLOWER SPACE
CO SR
PANTRY
TOP OF UPPER DK
PASSAGE
CO CABIN
BOWTHRUSTER DAY TANK
FORECASTLE DK
UPPER DK
CREW BERTHING
DK WORK SHOP
PAINT LKR
STEERING GEAR ROOM
WARD RM
GALLEY
MAIN DK
FORE HOLD
CHAIN LOCKER
FORE PEAK TANK
HAWSER STOWAGE
FRESH WATER TANK
ENGINE ROOM
CREW
BERTHING
WR WC & SHOWER
TRUNK
ET SHOP
SECOND DK
MOTOR RM
COLD STORE RM
VEG
DAIRY
MEATS
CLTG TK
MAIN CARGO HOLD
FUEL OIL TK
BOWTHRUSTER
HOLD
175 170 165 160 155 150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 2 0
WT BHD
OT BHD
DIESEL OIL TK
SEWAGE SPACE
DRY STORES
FP
6'-4"
1'-8"
6 SPACES @ 7'-0"=42'-0"
2 SPACES @ 5'-0" =10'-0"
4 SPACES @ 6'-0"=24'-0"
7'-0"
4'-0"
7'-0"
5 SPACES @ 6'-0"=30'-0"
6 SPACES @ 7'-0"=42'-0"
2'-0"
5'-8"
7'-8"
180'-0" OVERALL

INBOARD PROFILE

PLATE NO. 3

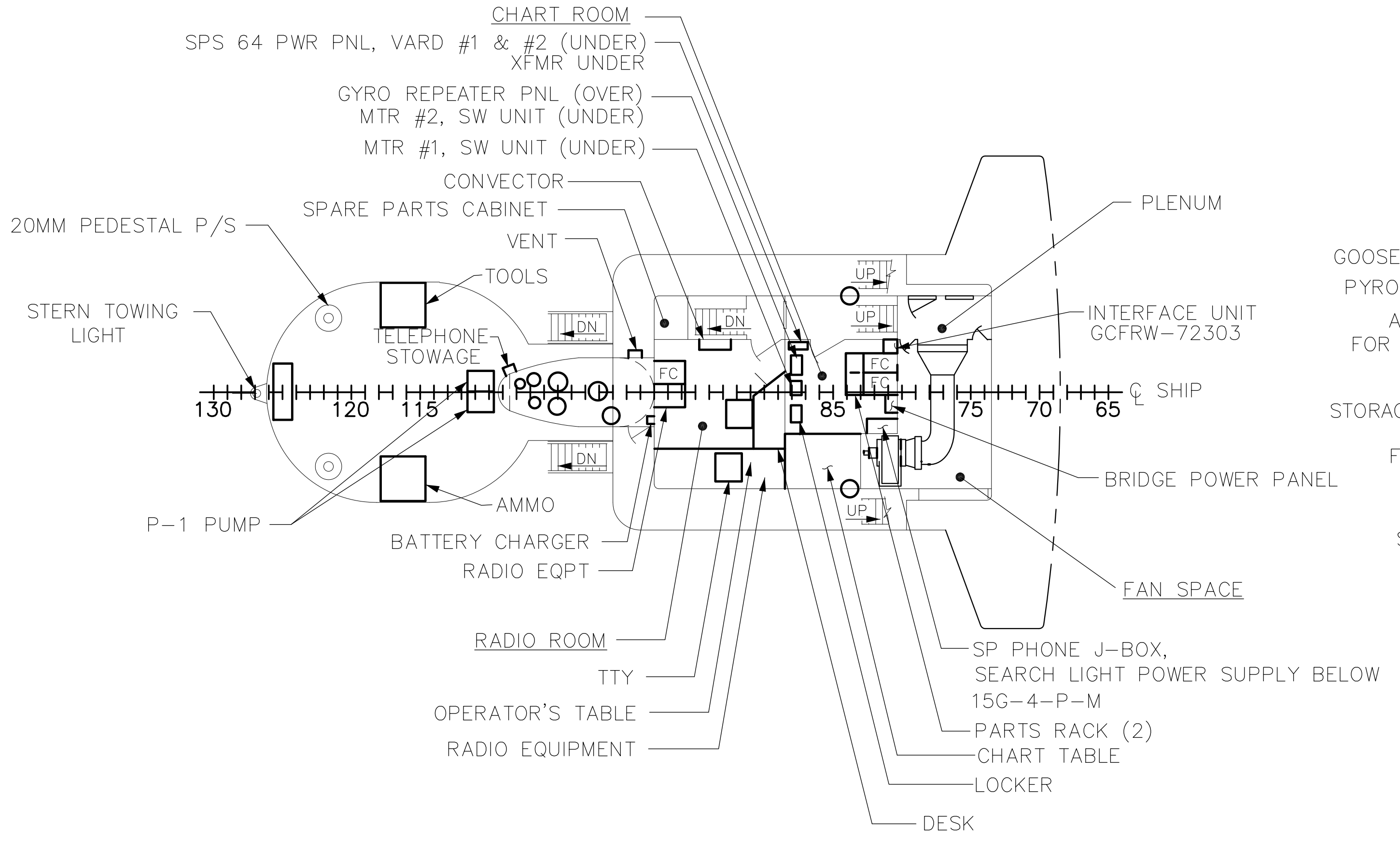
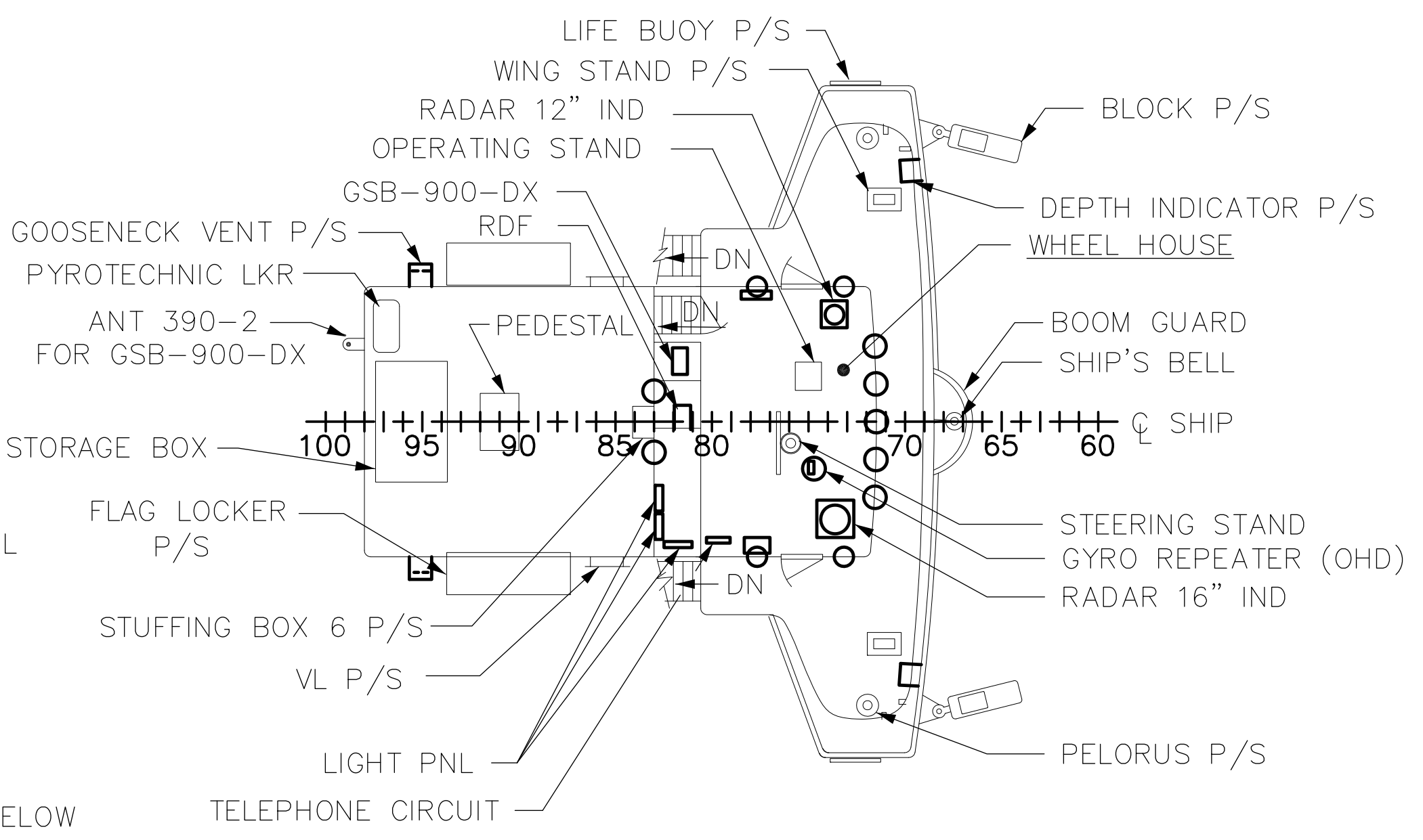
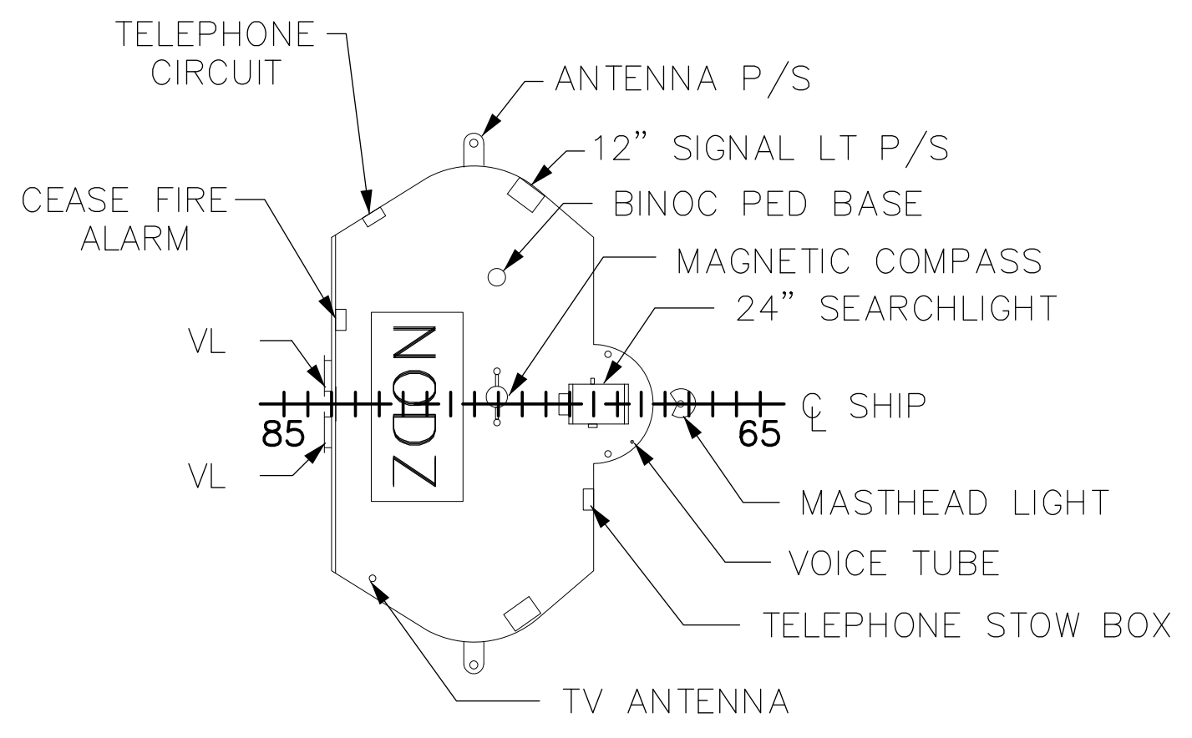


CHART ROOM
SPS 64 PWR PNL, VARD #1 & #2 (UNDER)
XFMR UNDER
GYRO REPEATER PNL (OVER)
MTR #2, SW UNIT (UNDER)
MTR #1, SW UNIT (UNDER)
CONVECTOR
SPARE PARTS CABINET
20MM PEDESTAL P/S
VENT
TOOLS
STERN TOWING LIGHT
TELEPHONE STOWAGE
PLENUM
INTERFACE UNIT GCFRW-72303
130 120 115 90 85 80 75 70 65
℄ SHIP
UP
DN
FC
AMMO
P-1 PUMP
BATTERY CHARGER
RADIO EQPT
BRIDGE POWER PANEL
FAN SPACE
RADIO ROOM
TTY
OPERATOR'S TABLE
RADIO EQUIPMENT
SP PHONE J-BOX,
SEARCH LIGHT POWER SUPPLY BELOW
15G-4-P-M
PARTS RACK (2)
CHART TABLE
LOCKER
DESK

PLAN AT TOP OF UPPER DECK HOUSE


LIFE BUOY P/S
WING STAND P/S
RADAR 12" IND
OPERATING STAND
GSB-900-DX
RDF
GOOSENECK VENT P/S
PYROTECHNIC LKR
ANT 390-2 FOR GSB-900-DX
PEDESTAL
STORAGE BOX
FLAG LOCKER P/S
STUFFING BOX 6 P/S
VL P/S
LIGHT PNL
TELEPHONE CIRCUIT
100 95 90 85 80 70 65 60
DN
BLOCK P/S
DEPTH INDICATOR P/S
WHEEL HOUSE
BOOM GUARD
SHIP'S BELL
℄ SHIP
STEERING STAND
GYRO REPEATER (OHD)
RADAR 16" IND
PELORUS P/S

PLAN OF BRIDGE


TELEPHONE CIRCUIT
CEASE FIRE ALARM
VL
VL
85
65
NOZD
ANTENNA P/S
12" SIGNAL LT P/S
BINOC PED BASE
MAGNETIC COMPASS
24" SEARCHLIGHT
℄ SHIP
MASTHEAD LIGHT
VOICE TUBE
TELEPHONE STOW BOX
TV ANTENNA

PLAN AT TOP OF WHEELHOUSE

PLATE NO. 4

DWG NO 149TE 0103-11 SH 2 REV C

BOOKLET OF GENERAL PLANS

U.S. COAST GUARD MLC PACIFIC
NAVAL ENGINEERING DIVISION
USCGC SASSAFRAS (WLB-401)
BOOKLET OF GENERAL PLANS

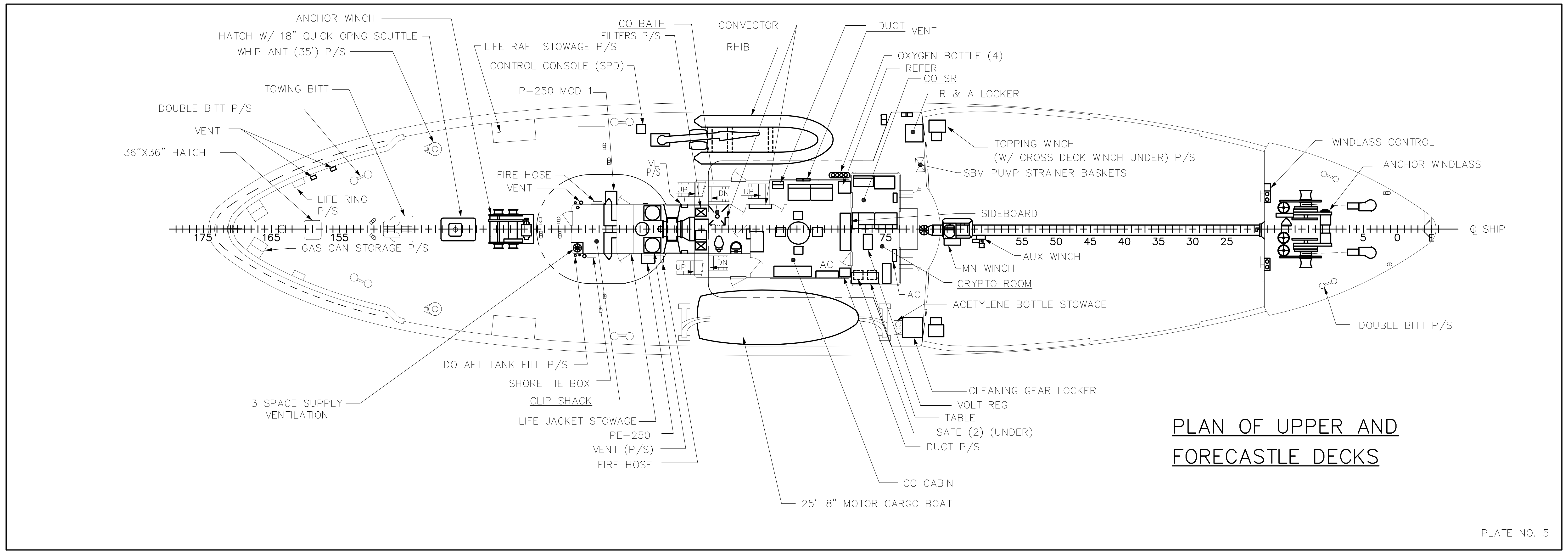
APPROVED
CHIEF, NAVAL ENGINEERING DIVISION DATE

SIZE	FSCM CAGE NO	U.S.C.G. DRAWING NO.	REV
H	81340	149TE 0103-11	C

SCALE 1/8"=1-0" SHEET 2 OF 4

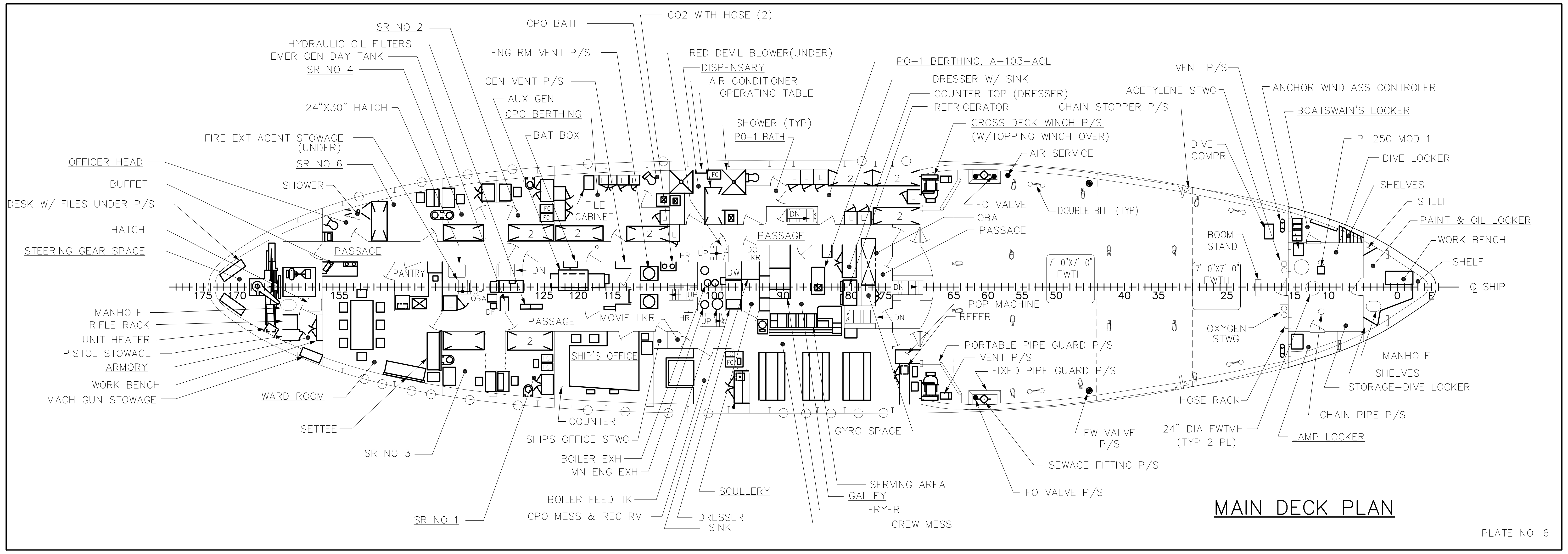
DWG NO 149TE 0103-11 SH 2 REV C

SCALE FACTOR 96 ELECTRONIC FILENAME \401WLB\AEC1102C


ANCHOR WINCH
HATCH W/ 18" QUICK OPNG SCUTTLE
WHIP ANT (35') P/S
TOWING BITT
DOUBLE BITT P/S
VENT
VENT
36"X36" HATCH
LIFE RING P/S
GAS CAN STORAGE P/S
CO BATH
FILTERS P/S
LIFE RAFT STOWAGE P/S
CONTROL CONSOLE (SPD)
P-250 MOD 1
FIRE HOSE
VENT
CONVECTOR
RHIB
DUCT VENT
OXYGEN BOTTLE (4)
REFER
CO SR
R & A LOCKER
TOPPING WINCH (W/ CROSS DECK WINCH UNDER) P/S
SBM PUMP STRAINER BASKETS
SIDEBOARD
AUX WINCH
MN WINCH
CRYPTO ROOM
ACETYLENE BOTTLE STOWAGE
WINDLASS CONTROL
ANCHOR WINDLASS
DOUBLE BITT P/S
℄ SHIP
175 165 155 75 55 50 45 40 35 30 25 5 0
DO AFT TANK FILL P/S
SHORE TIE BOX
CLIP SHACK
LIFE JACKET STOWAGE
PE-250
VENT (P/S)
FIRE HOSE
3 SPACE SUPPLY VENTILATION
CLEANING GEAR LOCKER
VOLT REG
TABLE
SAFE (2) (UNDER)
DUCT P/S
CO CABIN
25'-8" MOTOR CARGO BOAT
AC
AC

PLAN OF UPPER AND FORECASTLE DECKS

PLATE NO. 5


SR NO 2
HYDRAULIC OIL FILTERS
EMER GEN DAY TANK
SR NO 4
24"X30" HATCH
FIRE EXT AGENT STOWAGE (UNDER)
SR NO 6
OFFICER HEAD
BUFFET
SHOWER
DESK W/ FILES UNDER P/S
HATCH
STEERING GEAR SPACE
MANHOLE
RIFLE RACK
UNIT HEATER
PISTOL STOWAGE
ARMORY
WORK BENCH
MACH GUN STOWAGE
WARD ROOM
SETTEE
SR NO 3
SR NO 1
CPO BATH
ENG RM VENT P/S
GEN VENT P/S
AUX GEN
CPO BERTHING
BAT BOX
FILE CABINET
PASSAGE
PANTRY
PASSAGE
MOVIE LKR
SHIP'S OFFICE
COUNTER
SHIPS OFFICE STWG
BOILER EXH
MN ENG EXH
BOILER FEED TK
CPO MESS & REC RM
CO2 WITH HOSE (2)
RED DEVIL BLOWER(UNDER)
DISPENSARY
AIR CONDITIONER
OPERATING TABLE
SHOWER (TYP)
PO-1 BATH
SCULLERY
DRESSER SINK
PO-1 BERTHING, A-103-ACL
DRESSER W/ SINK
COUNTER TOP (DRESSER)
REFRIGERATOR
CROSS DECK WINCH P/S (W/TOPPING WINCH OVER)
AIR SERVICE
FO VALVE
OBA
PASSAGE
POP MACHINE
REFER
PORTABLE PIPE GUARD P/S
VENT P/S
FIXED PIPE GUARD P/S
GYRO SPACE
SERVING AREA
GALLEY
FRYER
CREW MESS
DOUBLE BITT (TYP)
7'-0"X7'-0" FWTH
7'-0"X7'-0" FWTH
FW VALVE P/S
SEWAGE FITTING P/S
FO VALVE P/S
VENT P/S
ACETYLENE STWG
CHAIN STOPPER P/S
DIVE COMPR
BOOM STAND
OXYGEN STWG
HOSE RACK
24" DIA FWTMH (TYP 2 PL)
ANCHOR WINDLASS CONTROLER
BOATSWAIN'S LOCKER
P-250 MOD 1
DIVE LOCKER
SHELVES
SHELF
PAINT & OIL LOCKER
WORK BENCH
SHELF
MANHOLE
SHELVES
STORAGE-DIVE LOCKER
CHAIN PIPE P/S
LAMP LOCKER
℄ SHIP
175 170 155 125 120 115 100 90 80 75 65 60 55 50 40 35 25 15 10 0
DN
HR
DW
DC LKR
UP

MAIN DECK PLAN

PLATE NO. 6

U.S. COAST GUARD MLC PACIFIC
NAVAL ENGINEERING DIVISION
USCGC SASSAFRAS (WLB-401)
BOOKLET OF GENERAL PLANS
APPROVED
CHIEF, NAVAL ENGINEERING DIVISION DATE

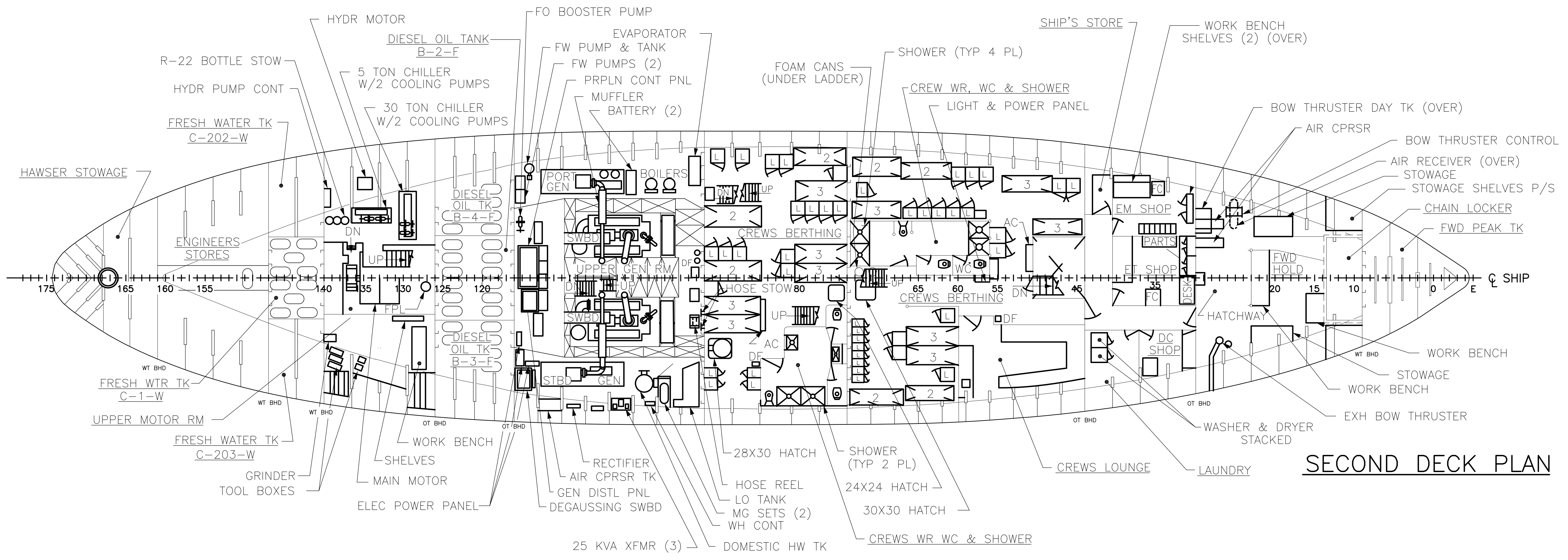
SIZE	FSCM CAGE NO	U.S.C.G. DRAWING NO.	REV
H	81340	149TE-0103-11	C

SCALE 1/8"=1'-0" SHEET 3 OF 4

DWG NO 149TE-0103-11 SH 3 REV C

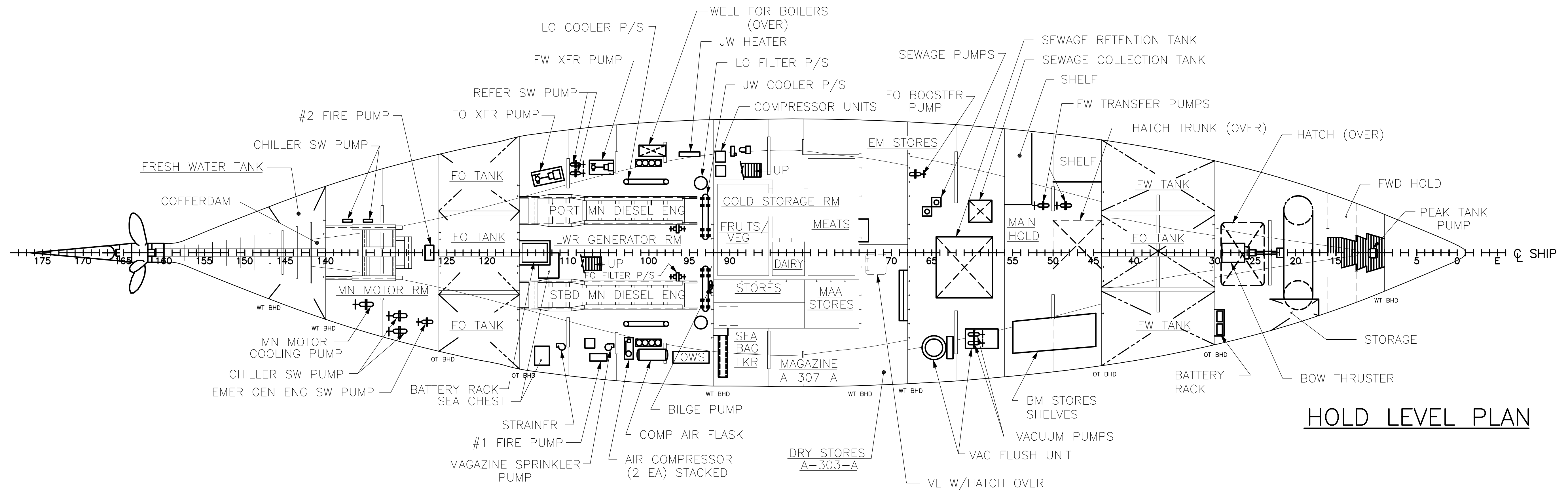
BOOKLET OF GENERAL PLANS
DWG NO 149TE-0103-11 SH 3 REV C

SCALE FACTOR 96 ELECTRONIC FILENAME \401WLB\AEC1103C


HYDR MOTOR
FO BOOSTER PUMP
DIESEL OIL TANK B-2-F
EVAPORATOR
FW PUMP & TANK
FW PUMPS (2)
PRPLN CONT PNL
MUFFLER
BATTERY (2)
R-22 BOTTLE STOW
HYDR PUMP CONT
5 TON CHILLER W/2 COOLING PUMPS
30 TON CHILLER W/2 COOLING PUMPS
FRESH WATER TK C-202-W
HAWSER STOWAGE
ENGINEERS STORES
DIESEL OIL TK B-4-F
DIESEL OIL TK B-3-F
PORT GEN
BOILERS
SWBD
UPPER GEN RM
STBD GEN
FOAM CANS (UNDER LADDER)
SHOWER (TYP 4 PL)
CREW WR, WC & SHOWER
LIGHT & POWER PANEL
CREWS BERTHING
HOSE STOW
SHIP'S STORE
WORK BENCH SHELVES (2) (OVER)
EM SHOP
PARTS
ET SHOP
DC SHOP
FC
DESK
FWD HOLD
HATCHWAY
BOW THRUSTER DAY TK (OVER)
AIR CPRSR
BOW THRUSTER CONTROL
AIR RECEIVER (OVER)
STOWAGE
STOWAGE SHELVES P/S
CHAIN LOCKER
FWD PEAK TK
℄ SHIP
WORK BENCH
STOWAGE
WORK BENCH
EXH BOW THRUSTER
WASHER & DRYER STACKED
LAUNDRY
CREWS LOUNGE
FRESH WTR TK C-1-W
UPPER MOTOR RM
FRESH WATER TK C-203-W
GRINDER
TOOL BOXES
SHELVES
WORK BENCH
MAIN MOTOR
ELEC POWER PANEL
RECTIFIER
AIR CPRSR TK
GEN DISTL PNL
DEGAUSSING SWBD
28X30 HATCH
HOSE REEL
LO TANK
MG SETS (2)
WH CONT
SHOWER (TYP 2 PL)
24X24 HATCH
30X30 HATCH
25 KVA XFMR (3)
DOMESTIC HW TK
CREWS WR WC & SHOWER
UP
DN
AC
DF
WC
WT BHD
OT BHD
175 165 160 155 140 135 130 125 120 80 65 60 55 45 35 20 15 10 0

SECOND DECK PLAN

PLATE NO. 7


LO COOLER P/S
WELL FOR BOILERS (OVER)
JW HEATER
FW XFR PUMP
LO FILTER P/S
JW COOLER P/S
REFER SW PUMP
COMPRESSOR UNITS
FO XFR PUMP
#2 FIRE PUMP
CHILLER SW PUMP
FRESH WATER TANK
COFFERDAM
SEWAGE PUMPS
SEWAGE RETENTION TANK
SEWAGE COLLECTION TANK
FO BOOSTER PUMP
SHELF
FW TRANSFER PUMPS
HATCH TRUNK (OVER)
HATCH (OVER)
EM STORES
FWD HOLD
PEAK TANK PUMP
FO TANK
PORT MN DIESEL ENG
LWR GENERATOR RM
STBD MN DIESEL ENG
FO FILTER P/S
MN MOTOR RM
COLD STORAGE RM
FRUITS/ VEG
MEATS
DAIRY
STORES
MAA STORES
SEA BAG LKR
MAGAZINE A-307-A
OWS
MAIN HOLD
FW TANK
FO TANK
SHELF
℄ SHIP
STORAGE
BOW THRUSTER
BATTERY RACK
MN MOTOR COOLING PUMP
CHILLER SW PUMP
EMER GEN ENG SW PUMP
BATTERY RACK
SEA CHEST
STRAINER
#1 FIRE PUMP
MAGAZINE SPRINKLER PUMP
BILGE PUMP
COMP AIR FLASK
AIR COMPRESSOR (2 EA) STACKED
DRY STORES A-303-A
BM STORES SHELVES
VACUUM PUMPS
VAC FLUSH UNIT
VL W/HATCH OVER
UP
WT BHD
OT BHD
175 170 165 160 155 150 145 140 125 120 110 100 95 90 70 65 55 50 45 40 30 25 20 15 5 0

HOLD LEVEL PLAN

PLATE NO. 8

U.S. COAST GUARD MLC PACIFIC
NAVAL ENGINEERING DIVISION
USCGC SASSAFRAS (WLB-401)
BOOKLET OF GENERAL PLANS

APPROVED
CHIEF. NAVAL ENGINEERING DIVISION DATE

SIZE	FSCM CAGE NO	U.S.C.G. DRAWING NO.	REV
H	81340	149TE-0103-11	C
SCALE 1/8"=1'-0"		1030104	SHEET 4 OF 4

DWG NO 149TE-0103-11 SH 4 REV C

DWG NO 149TE-0103-11 SH 4 REV C

BOOKLET OF GENERAL PLANS

DWG NO 149TE-0103-11 SH 4 REV C

SCALE FACTOR 96
ELECTRONIC FILENAME \401WLB\AEC1104C